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(54) Title: A PROCESS FOR THE CREATION OF FUZZY COGNITIVE MAPS FROM MONTE CARLO SIMULATION GENERATED META MODEL

(57) **Abstract:** A process for the computer creation of fuzzy cognitive maps (see Fig. 7) that are used to explore causal relationships between a group of factors and a phenomenon. These fuzzy cognitive maps are constructed using the data derived from Expanded Meta Models. These Expanded Meta Models are generated from Monte Carlo simulations that supply the factors under investigation with values, then by incrementing or decrementing these factor values one can generate an Expanded Meta Model.